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C525 0179

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DATE: 1 March 2004

To: Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313 - 1450

Re: Response to Advisory Action mailed 29 January 2004.

Title: OPTICAL CROSS-CONNECT SWITCH HAVING IMPROVED ALIGNMENT
CONTROL SYSTEM

Serial No.: 09/842225

Filed: 26 April 2001

Examiner: KIANNI, Kaveh C.

Art Unit: 2877

Fax: 703 872-9306

From: Gavin N. Manning

NO. OF PAGES INCLUDING THIS TRANSMITTAL SHEET: 23

ENCLOSURES:	AMENDMENT TRANSMITTAL FORM	- 1	PAGE
	FEES TRANSMITTAL FOR FY 2004	- 1	PAGE
	AMENDMENT	- 18	PAGES
	PETITION FOR EXTENSION OF TIME	- 1	PAGE (x2)

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PTO/SB/21 (02-04)

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TRANSMITTAL
FORM

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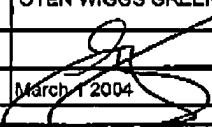
Total Number of Pages in This Submission

123

Application Number	09/842225
Filing Date	26 April 2001
First Named Inventor	LABERGE, Michel et al
Art Unit	2877
Examiner Name	KIANNI, Kaveh C.
Attorney Docket Number	CS25 0179

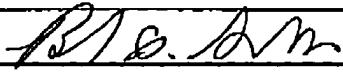
ENCLOSURES (Check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC). <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):	
Remarks			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Gavin N. Manning OYEN WIGGS GREEN & MUTALA
Signature	
Date	March 1 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Brad Sherbuck		
Signature		Date	March 1 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 950.00)

Complete if Known

Application Number	09/842225
Filing Date	26 April 2001
First Named Inventor	LABERGE, Michel et al.
Examiner Name	KIANNI, Kaveh C.
Art Unit	2877
Attorney Docket No.	C525 0179

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:Deposit Account Number
Deposit Account Name

02-1037

Oyen Wiggs Green & Mutala

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1) (\$)					950.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	=
			- 3** =	X	=

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20		
1201 86	2201 43	Independent claims in excess of 3		
1203 290	2203 145	Multiple dependent claim, if not paid		
1204 86	2204 43	** Reissue Independent claims over original patent		
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2) (\$)				

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES	
Large Entity	Small Entity
1051 130	2051 65
1052 50	2052 25
1053 130	1053 130
1912 2,520	1812 2,520
1804 920*	1804 920*
1805 1,840*	1805 1,840*
1251 110	2251 55
1252 420	2252 210
1253 950	2253 475
1254 1,480	2254 740
1255 2,010	2255 1,005
1401 330	2401 165
1402 330	2402 165
1403 290	2403 145
1451 1,510	1451 1,510
1452 110	2452 55
1453 1,330	2453 665
1501 1,330	2501 665
1502 480	2502 240
1503 840	2503 320
1480 130	1480 130
1807 50	1807 50
1808 180	1808 180
8021 40	8021 40
1809 770	2809 385
1810 770	2810 385
1801 770	2801 385
1802 900	1802 900
Other fee (specify) _____	
*Reduced by Basic Filing Fee Paid	
SUBTOTAL (3) (\$ 950.00)	

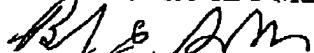
SUBMITTED BY				
Name (Print/Type)	Gavin N. Manning		Registration No. (Attorney/Agent)	Telephone 604-669-3432
Signature			Date	March 1 2004

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CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on 1 March 2004.



Brad Sherbuck - Secretary to Gavin N. Manning

Application No. 09/842,225
 Amendment dated 1 March 2004
 Reply to Advisory Action dated 29 January 2004

C525 0179
 GNM/TAR/bds

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Patent Examining Operations
 Patent Application

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Inventor(s): LABERGE, Michel et al.
 Title: **OPTICAL CROSS-CONNECT SWITCH HAVING IMPROVED ALIGNMENT CONTROL SYSTEM**
 Serial No.: 09/842,225
 Filed: 26 April 2001
 Examiner: Kaveh C. Kianni
 Date: 1 March 2004

Art Unit: 2877

To: Director of the United States Patent & Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

AMENDMENT

Responsive to the Office Action mailed 7 October 2003 and the Advisory Action mailed 29 January 2004, please amend this application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 17 of this paper.